

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		APPLICANT(S) RALPH L. STEINMAN, ET AL.			
		FILING DATE JUNE 17, 1994	GROUP ART UNIT 1808		

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BL		4861589	8/29/89	SHYR-Te-Ju			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BL		WO 91/13632	19.09.95					
		WP 93/20185	14.10.93					
		EP 0 563 485 A1	06.10.93					
		WO 95/28479	26.10.95					

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)**

BL		PERIPHERAL STEM CELLS MADE TO WORK - THE LANCET, MARCH 1992, VOL. 339, PP. 648-649					
		ABBAS ET AL UPTAKE & PROCESSING OF EXTRACELLULAR PROTEIN ANTIGENS BY ANTIGEN-PRESENTING CELLS, W.B. SAUNDERS CO. 1991 AT 124-126					
		ABBAS ET AL, CELLULAR AND MOLECULAR IMMUNOLOGY, W.B. SAUNDERS COL. PHILADELPHIA 1991 AT 117					
		AKAGAWA ET AL, LYMPHOKINE AND CYTOKINE RESEARCH 12(5): 326 (1993)					
		BARFOOT ET AL, SOME PROPERTIES OF DENDRITIC MACROPHAGES ... IMMUNOLOGY 1989, VOL. 68, NO. 2. PP. 233-239					
		BOOG ET AL, ABOLITION OF SPECIFIC IMMUNE RESPONSE DEFECT BY IMMUNIZATION WITH DENDRITIC CELLS, NATURE 1985, VOL. 318, PP. 59-62					
BL		BOON ET AL, TUMOR ANTIGENS RECOGNIZED BY CYTOLYTIC T LYMPHOCYTES, ANNUAL REVIEW IMMUNOLOGY 12:337-365: 1994					

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		APPLICANT(S) RALPH L. STEINMAN, ET AL.		
		FILING DATE JUNE 17, 1994	GROUP ART UNIT 1808	
<i>b6</i>		BOON ET AL, TUMOR ANTIGENS RECOGNIZED BY CYTOLYTIC T LYMPHOCYTES: PRESENT PERSPECTIVES FOR SPECIFIC IMMUNOTHERAPY, INT. J. CANCER 54: 177-180 (1993)		
		BOWERS ET AL, DIFFERENTIATION OF DENDRITIC CELLS IN CULTURES OF RAT BONE MARROW CELLS, J. EXP. MED. 1986, VOL. 163, PP. 872-883		
		BRITZ ET AL, SPECIALIZED ANTIGEN-PRESENTING CELLS, SPLENIC DENDRITIC CELLS AND PERITONEAL-EXUDATE CELLS INDUCED BY MYCOMATERIA ACTIVATE EFFECTOR T CELLS THAT ARE RESISTANT TO SUPPRESSION, J. EXP. MED. 1982, VOL. 155, P. 1344-1356		
		BRUIJN ET AL, MECHANISM OF INDUCTION OF PRIMARY VIRUS-SPECIFIC CYTOXIC T LYMPHOCYTE RESPONSES, EUR. J. IMMUNOL. 22: 3013-3020, 1992		
		BUJDOSO ET AL, CHARACTERIZATION OF SHEEP AFFERENT LYMPH DENDRITIC CELLS AND THEIR ROLE IN ANTIGEN CARRIAGE, J. EXP. MED. 1989, VOL. 170, PP. 1285-1301		
		CAUX ET AL, TUMOR NECROSIS FACTOR-ALPHA STRONGLY POTENTIATES INTERLEUKIN-3 GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR-INDUCED PROLIFERATION OF HUMAN CD34+ HEMATOPOIETIC PROGENITOR CELLS, BLOOD 1990, VOL. 75, PP. 2292-2298		
		CAUX ET AL, <u>NATURE</u> , (1992) 360: 258-261		
		CHATTERJEE, IDIOTYPIC ANTIBODY IMMUNOTHERAPY OF CANCER, CANCER IMMUNOLOGY IMMUNOTHER. VOL. 38: PP.75-82 (1994)		
		COHEN ET AL, MURINE EPIDERMAL LANGERHANS CELLS AND SPLENIC DENDRITIC CELLS PRESENT TUMOR-ASSOCIATED ANTIGENS TO PRIMED T CELLS, EUR. J. IMMUNOL. 24: 315-319: 1994		
		COULIE ET AL, GENES CODING FOR ANTIGENS RECOGNIZED ON HUMAN TUMORS BY AUTOLOGOUS CYTOLYTIC T LYMPHOCYTES, ANN.NY.ACAD.SCI. VOL.690: PP.113-119: 1993		
		CROWLEY ET AL, DENDRITIC CELLS ARE THE PRINCIPAL CELLS IN MOUSE SPLEEN BEARING IMMUNOGENIC FRAGMENTS OF FOREIGN PROTEINS, J. EXP. MED. 1990, VOL. 172, PP. 383-386		
		DECHEMA BIOTECHNOL. CONF. 4(PT. A LECT. DEchema ANNU. MEET. BIOTECH. 8TH, 1990), PP. 181-184		
		DEDHAR ET AL, HUMAN GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR IS A GROWTH FACTOR ACTIVE ON A VARIETY OF CELL TYPES OF NONHEMOPOIETIC ORIGIN, PNAS, 85:9253-9257		

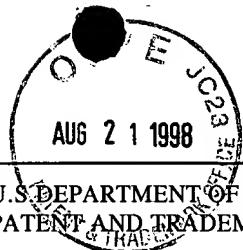
FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT(S) RALPH L. STEINMAN, ET AL.	
				FILING DATE JUNE 17, 1994	GROUP ART UNIT 1808
<i>b6</i>			DISIS ET AL, IN VITRO GENERATION OF HUMAN CTLs SPECIFIC FOR PEPTIDES DERIVED FROM THE HER-2/neu PROTOONCOGENE, CANC. RES. 54: 1071-1076, 1994		
			DRANOFF ET AL, VACCINATION WITH IRRADIATED TUMOR CELLS ... PNAS 90: 3539-3543		
			EDGINGTON, HOW SWEET IT IS: SELECTIN-MEDIATING DRUGS, BIOTECHNOLOGY 10: 383-389 (1992)		
			EAVES, PERIPHERAL BLOOD STEM CELLS REACH NEW HIGHLIGHTS, <u>BLOOD</u> , (1993) 82. No. 7, PP 1957-1959		
			EMA ET AL, (1990), <u>BLOOD</u> , 82: 3770		
			FAUSTMAN ET AL, PREVENTION OF REJECTION OF MURINE ISLET ALLOGRAFTS BY PRETREATMENT WITH ANTI-DENDRITIC CELL ANTIBODY, PNAS 1984, VOL. 81, PP. 3864-3868		
			FISHER ET AL, NEOPLASTIC CELLS OBTAINED FROM HODGKIN'S DISEASE FUNCTION AS ACCESSORY CELLS FOR MITOGEN-INDUCED HUMAN T CELL PROLIFERATIVE RESPONSES, J. IMMUNOL. VOL. 132 (5), 1984, PP. 2672-2677		
			FLAMAND ET AL, VACCINATION WITH TUMOR ANTIGEN-PULSED DENDRITIC CELLS INDUCES IN VIVO RESISTANCE TO A B CELL LYMPHOMA, ADV. EXP. MED. BIOL. 329: 611-615, 1993		
			FLAMAND ET AL, MURINE DENDRITIC CELLS PULSED IN VITRO WITH TUMOR ANTIGEN INDUCE TUMOR RESISTANCE IN VIVO, EUR. J. IMMUNOL. 24: 605-610, 1994		
			FRANCOTTE ET AL, ENHANCEMENT OF ANTIBODY RESPONSE BY MOUSE DENDRITIC CELLS PULSED WITH TOBACCO..., PNAS 82: 8149-8452 1985		
			GAUGLER ET AL, HUMAN GENE MAGE-3 CODES FOR AN ANTIGEN RECOGNIZED ON A MELANOMA BY AUTOLOGOUS COTOLYTIC T LYMPHOCYTES, J. EXP. MED. 179: 921-930, 1994		
			GERDES ET AL, (1984), J. IMMUNOL., 133: 1710		
			GUAR ET AL, AMELIORATION OF AUTOIMMUNE ENCEPHALOMYELITIS BY BYELIN BASIC PROTEIN SYNTHETIC PEPTIDE-INDUCED ANERGY, SCIENCE, 258: 1491-1494, 1992		
			HOLT ET AL, MHC CLASS II ANTIGEN-BEARING... J. EXP. MED. 1988, VOL. 167, PP. 262-274		

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION  <i>(Use several sheets if necessary)</i>				APPLICANT(S) RALPH L. STEINMAN, ET AL.	
				FILING DATE JUNE 17, 1994	GROUP ART UNIT 1808
<p><i>(initials)</i></p> <p>HUANG ET AL, ROLE OF BONE MARROW-DERIVED CELLS IN PRESENTING MCH CLASS 1-RESTRICTED TUMOR ANTIGENS, SCIENCE, 264: 961-965, 1994</p>					
<p>INABA ET AL, GRANULOCYTES, MACROPHAGES AND DENDRITIC...(1993) <u>PROC. NATL. ACAD. SCI.</u>, 90: 3038</p>					
<p>INABA ET AL, IDENTIFICATION OF PROLIFERATING DENDRITIC CELL PRECURSORS IN MOUSE BLOOD, J. EXP. MED. 1992, 175: PP. 1157-1167</p>					
<p>INABA ET AL, DENDRITIC CELLS PULSED WITH PROTEIN ANTIGENS IN VITRO CAN PRIME ANTIGEN-SPECIFIC, MCH-RESTRICTED T CELLS IN SITU, J. EXP. MED., 1990, VOL. 172, PP. 631-640</p>					
<p>INABA ET AL, PROTEIN SPECIFIC HELPER T-LYMPHOCYTE FORMATION INITIATED BY DENDRITIC CELLS, SCIENCE 1985, VOL. 299, PP. 475-479</p>					
<p>INABA ET AL, CLUSTERING OF DENDRITIC CELLS, HELPER T LYMPHOCYTES, AND HISTOCOMPATIBLE B CELLS DURING PRIMARY ANTIBODY RESPONSES IN VITRO, J. EXP. MED. 1984, VOL. 160, NO. 3, PP. 858-876</p>					
<p>INABA ET AL, PROPERTIES OF MEMORY T LYMPHOCYTES ISOLATED FROM THE MIXED LEUKOCYTE REACTION, PNAS 1985, VOL. 82, NO. 22, PP. 7686-7690</p>					
<p>INABA ET AL, RESTING AND SENSITIZED T LYMPHOCYTES EXHIBIT DISTINCT STIMULATORY ... J. EXP. MED. 1984, VOL. 160, NO. 6, PP. 1717-1735</p>					
<p>INABA ET AL, THE FUNCTION OF Ia+ DENDRITIC CELLS ... J. EXP. MED. 1988, VOL. 167, PP. 149-162</p>					
<p>INABA ET AL, GENERATION OF LARGE NUMBERS OF DENDRITIC ... J. EXP. MED. 1992, VOL. 176, PP. 1693-1702</p>					
<p>IWAI ET AL, ACCEPTANCE OF MURINE THYROID ALLOGRAFTS ... TRANSPLANTATION 1989, VOL. 47, PP. 45-49</p>					
<p>JAKOBY ET METHODS IN ENZYMOLOGY, VOLUME LVIII, CELL CULTURE, PAGES 44-93 (1979)</p>					
<p>JANSEN, P.E. 1988, PROTEIN SYNTHESIS IN ANTIGEN PROCESSING, <u>J. IMMUNOL.</u>, 141: 2545</p>					
<p>JANSEN ET AL, (1989) INHIBITION OF HUMAN FORMATION BY INTERLEUKIN-4, J. EXP. MED. 170:577-582</p>					

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		APPLICANT(S) RALPH L. STEINMAN, ET AL.			
		FILING DATE JUNE 17, 1994	GROUP ART UNIT 1808		
		KLINKERT ET AL, ACCESSORY AND STIMULATING PROPERTIES OF DENDRITIC....J. EXP. MED. 1982, VOL. 156, PP. 1-19			
		KNIGHT ET AL, ROLE OF VEILED CELLS IN LYMPHOCYTE ACTIVATION, EUROPEAN J. IMMUNOLOGY 1982, VOL. 12, PP. 1057-1060			
		KRAAL ET AL, LANGERHANS' CELLS VEILED CELLS .... J. EXP. MED. 1986 VOL. 163, PP. 981-997			
		LANZAVECCHIA, IDENTIFYING STRATEGIES FOR IMMUNE INTERVENTION, SCIENCE, (1993) 260: 937-944			
		LECHLER ET AL, RESTORATION OF IMMUNOGENICITY TO PASSENGER... J. EXP. MED. 1982, VOL. 155, PP. 31-41			
		LU ET AL, PROPAGATION OF DENDRITIC CELL PROGENITORS FROM NORMAL MOUSE LIVER USING GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND THEIR MATURATIONAL DEVELOPMENT IN THE PRESENCE OF TYPE-1 COLLAGEN, J. EXP. MED. 179: 1823-1834, 1994			
		MACPHERSON, LYMPHOID DENDRITIC CELLS: THEIR LIFE ROLES IN IMMUNE RESPONSES, RES. IMMUNOLOGY 1989, VOL. 140, PP. 877-926			
		MACPHERSON, PROPERTIES OF LYMPH-BORNE (VEILED) DENDRITIC CELLS IN CULTURE, IMMUNOLOGY 1989, VOL. 68, NO. 1, PP. 108-113			
		MASON ET AL, THE RAT MIXED LYMPHOCYTE REACTION ... IMMUNOLOGY 1981, VOL. 44, NO. 1, PP. 75-87			
		MAYANI ET AL, (1993), <u>BLOOD</u> , 81: 3252			
		NAITO ET AL, MACROPHAGE FACTORS WHICH... JOURNAL OF IMMUNOLOGY, 1989, VOL. 142, PP. 1834-1839			
		NIXON-GEORTHE, ADJUVANT EFFECT OF STEARYL ...THE JOURNAL OF IMMUNOLOGY, 1990, VOL. 144, P.4798-4802			
		NONACS ET AL, MECHANISMS OF MOUSE SPLEEN DENDRITIC... J. EXP. MED. 1992, VOL. 176, PP. 519-529			

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		APPLICANT(S) RALPH L. STEINMAN, ET AL.			
				FILING DATE JUNE 17, 1994	GROUP ART UNIT 1808
		OSBAND ET AL, PROBLEMS IN THE INVESTIGATIONAL STUDY AND CLINICAL USE OF CANCER IMMUNOTHERAPY, IMMUNOLOGY TODAY, 11: 103-105, 1990			
		PAGLIA ET AL, IMMORTALIZED DENDRITIC CELL LINE FULLY COMPETENT IN ANTIGEN PRESENTATION INITIATES PRIMARY T CELL RESPONSE IN VIVO, J. EXP. MED. 1993 178: 1893-1901			
		PEACE ET AL, LYSIS OF RAS ONCOGENE-TRANSFORMED CELLS BY SPECIFIC CYTOTOXIC T LYMPHOCYTES ELICITED BY PRIMARY IN VITRO IMMUNIZATION WITH MUTATED RAS PEPTIDE, J. EXP. MED. 179: 473-479, 1994			
		PETTINGELL ET AL, <u>BLOOD</u> , 82: 3770			
		REID ET AL, INTERACTIONS OF TUMOR NECROSIS FACTOR ... J. IMMUNOLOGY, 1992, VOL. 149, PP. 2681-2688			
		RIA ET AL, IMMUNOLOGICAL ACTIVITY OF COVALENTLY LINKED T-CELL EPITOPIES, NATURE 343: 381-383, 1990			
		ROMANI ET AL, PROLIFERATING DENDRITIC CELL PROGENITORS IN HUMAN BLOOD, J. EXP. MED. 180: 83-93 (1994)			
		RUDENSKY ET AL, SEQUENCE ANALYSIS OF PEPTIDES BOUND TO ... NATURE 1991, VOL. 353, PP. 622-627			
		SCHEICHER DENDRITIC CELLS FROM MOUSE BONE ... J. IMMUNOLOGICAL METHODS 1991, VOL. 154, PP. 253-264			
		SCHULER ET AL, MURINE EPIDERMAL LANGERANS CELLS MATERIALS ... J. EXP. MED. VOL. 161, PP. 526-546 1985			
		SCHULER ET EPIDERMAL LANGERHANS CELLS REPRESENT... INVESTIG. DERMATOLOGY 1986, VOL. 87, NO. 1, P.166			
		SHIMONKEVITZ, ANTIGEN RECOGNITION BY H-2 RESTRICTED CELLS, J. EXP. MED. 1983, VOL. 158, P. 303-316			
		SHOUKAT ET AL, HUMAN GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR ...PNAS VOL. 85, PP. 9253-9257			
		SORNASSE ET AL, LOADING OF DENDRITIC CELLS WITH ANTIGEN IN VITRO OR IN VIVO BY IMMUNOTARGETING CAN REPLACE THE NEED FOR ADJUVANT, ADV. EXP. MED. BIOL. 329:299-303, 1993			

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		APPLICANT(S) RALPH L. STEINMAN, ET AL.		
		FILING DATE JUNE 17, 1994	GROUP ART UNIT 1808	
<i>W</i>		STEINMAN THE DENDRITIC CELL SYSTEM AND ITS ROLE ... ANN. REV. IMMUNOLOGY, 1991, VOL. 9, PP.271-296		
		STEINMAN, THE DISTINCT SURFACE OF HUMAN BLOOD DENDRITIC CELLS, (1990) <u>PROC. NATL. ACAD. SCI.</u> , USA 87: 7698-7702		
		STEINMAN, IDENTIFICATION OF A NOVEL CELL TYPE ... J. EXP. MED. 1979, VOL. 149, PP. 1-16		
		STEINMAN, IDENTIFICATION OF A NOVEL CELL TYPE IN ... J. EXP. MED. 1973, VOL. 137, PP. 1142-1162		
		STEINMAN, DENDRITIC CELLS: CLINICAL ASPECTS, 28TH FORUM OF IMMUNOLOGY, ROCKEFELLER UNIV. AND IRGINGTON INST. FOR MED. RES., PP. 911-924		
		STITES ET AL, BASIC AND CLINICAL IMMUNOLOGY, SEVENTH ED., APPELTON & LANGE, NORWALK, CT, 1991		
		VAKKILA ET HUMAN PERIPHERAL BLOOD-DERIVED ... SCAND. J. IMMUNOLOGY, 1990, VOL. 31, NO. 3, P. 345-352		
		WAKSMAN ET AL, MULTIPLE SCLEROSIS AS A ... PROC. EXP. BIOLOGY MED. 175: 282-94 1984		
		WRAITH ET AL, ANTIGEN RECOGNITION IN AUTOIMMUNE ... CELL, 1989, VOL. 59, P. 247-255		
		ZIEGLER ET AL, DECREASE IN MACROPHAGE ANTIGEN CATABOLISM CAUSED BY AMMONIA AND CHLOROQUINE...ASSOC.NATL.ACAC.SCI., USA 79 (1982), PP. 175-178		
EXAMINER <i>LANKFORD</i>		DATE CONSIDERED <i>3/23/99</i>		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				



Sheet 1 of 5

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
2016-4000US3

SERIAL NO.  
08/261,537

APPLICANT

RALPH M. STEINMAN, ET AL.

FILING DATE  
June 17, 1994

GROUP ART UNIT  
1651

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BL	5,130,144	7/14/92	Civin			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BL	EP 0 546 787 A2	6/16/93	WIPO			X	
	WO 94/02156	2/3/94	WIPO			X	
	WO 95/15340	6/8/95	WIPO			X	
↓	WO 95/34638	12/21/95	WIPO			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)**

BL		Abbas, et al. <i>Cellular And Molecular Immunology</i> , 2d Ed. Section IV, pp.328-329
		Ardavin, et al. <i>Thymic Dendritic Cells and T Cells Develop simultaneously in the thymus from a Common Precursor Population</i> , <i>Nature</i> 362:761-763, April 1993.
		Austyn, et al. <i>Isolation And Characterization of Dendritic Cells From Mouse Heart And Kidney</i> , <i>J. Immunol.</i> 152:2401-2410 1994
		Austyn, J.M. <i>Lymphoid Dendritic Cells</i> , <i>Immunol.</i> 62:161-170 1987.
		Baker, et al. <i>Endocrine Diseases, Basic &amp; Clinical Immunol.</i> , 7 <sup>th</sup> Ed. Appleton & Lange 1991.
		Egner, et al. <i>The Phenotype of Freshly Isolated and Cultured Human Bone Marrow Allosstimulatory Cells: Possible Heterogeneity In Bone Marrow Dendritic Cell Populations</i> , <i>Immunology</i> , 85:611-620 1995.

O I P E  
JC23  
AUG 21 1998Sheet 2 of 5

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <i>TRADEMARKS</i>		ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				APPLICANT RALPH M. STEINMAN, ET AL.	
				FILING DATE June 17, 1994	GROUP ART UNIT 1651
<i>BL</i>			Ema, et al. <i>Colony Formation of Clone-sorted Human Hematopoietic Progenitors</i> , <i>Blood</i> , 75/10:1941-1946, May 15, 1990.		
			Enami, et al. <i>High-Efficiency Formation of Influenza Virus Transfectants</i> , <i>J. Virol.</i> 65/5:2711-2713 May 1991.		
			Enami, et al. <i>Introduction of site-Specific Mutations into the Genome of Influenza Virus</i> , <i>PNAS</i> 87/10:3802-3805 May 1990.		
			Fossum, <i>Lymph-Borne Dendritic Leucocytes do not Recirculate, but Enter the Lymph Node Paracortex to Become Interdigitating Cells</i> , <i>Scand J. Immunol.</i> , 27:97-104 1988.		
			Grabstein, et al. <i>Cloning of a T Cell Growth Factor that Interacts with the β Chain of the Interleukin-2 Receptor</i> , <i>Science</i> , 264:965-966, May 13, 1994.		
			Hosaka, et al. <i>Entry of Heat-Inactivated Influenza Virus and Induction of Target Susceptibility to Cytotoxic T Cell-Mediated Lysis</i> , <i>Virus Res. Suppl.</i> 1:56 1985		
			Kampgen, et al. <i>Class II Major Histocompatibility Complex Molecules of Murine Dendritic Cells: Synthesis, Sialylation of Invariant Chain, and Antigen Processing Capacity Are Downregulated Upon Culture</i> , <i>Proc. Natl. Acad. Sci., USA</i> 88:3014 1991.		
			Katz, et al. <i>Epidermal Langerhans Cells are Derived from Cells Originating in Bone Marrow</i> , <i>Nature</i> , 282:324 1979.		
			Knight, et al. <i>Induction of Immune Responses In Vivo with Small Numbers of Veiled (Dendritic) Cells</i> , <i>PNAS</i> 80/19:6032-6035, October 1993.		
			Kashihara-Sawami, et al. <i>A Monoclonal Antibody Specifically Reactive to Human Langerhans Cells</i> , <i>J. Invest. Dermatol.</i> 87/5:602-607, November 1986		
			Larsen, et al. <i>Regulation of Immunostimulatory Function and Costimulatory Molecule (B7-1 and B7-2) Expression on Murine Dendritic Cells</i> , <i>Am. Assoc. Immunologists</i> 1994, pp. 5207-5219.		
			Li, et al. <i>Priming with Recombinant Influenza Virus Followed by Administration of Recombinant Vaccine Virus Induces CD8<sup>+</sup> T-Coil-Mediated Protective Immunity Against Malaria</i> , <i>PNAS</i> 90:5214-5218, June 1993.		
<i>↓</i>			Li, et al. <i>Influenza A Virus Transfectants with Chimeric Hemagglutinins Containing Epitopes from Different Subtypes</i> , 66/1:399-404, January 1992.		
			Luytjes, et al. <i>Amplification, Expression and Packaging of a Foreign Gene by Influenza Virus</i> , <i>Cell</i> 59:1107-1113, December 1989.		

AUG 21 1998

Sheet 3 of 5

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
2016-4000US3SERIAL NO.  
08/261,537

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

## APPLICANT

RALPH M. STEINMAN, ET AL.

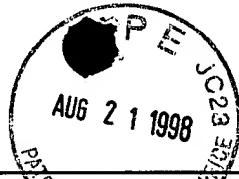
FILING DATE  
June 17, 1994GROUP ART UNIT  
1651

<i>Vb</i>			Macatonia, et al. Primary Stimulation by Dendritic Cells Induces Antiviral Proliferative and Cytotoxic T Cell Responses In vitro, <i>J. Exp. Med.</i> 169:1255-1264, April 1989.
			Macatonia, et al. Localization of Antigen on Lymph Node Dendritic Cells after Exposure to the contact Sensitizer Fluorescein Isothiocyanate, <i>J. Exp. Med.</i> , 166:1654-1667, December 1987.
			McWilliam, et al. Rapid Dendritic Cell Recruitment is a Hallmark of the Acute Inflammatory Response at Mucosal Surfaces, <i>J. Exp. Med.</i> 179:1331-1336, April 1994.
			Metcalf, D. <i>The Molecular Control of Blood Cells</i> , Harvard Univ. Press, Cambridge, MA, 1988
			Metcalf, D. <i>The Molecular Control of Cell Division Differentiation Commitment and Maturation in Haemopoietic Cells</i> , <i>Nature</i> , 339:27-30 1989.
			Metcalf, D. <i>Control of Granulocytes and Macrophages: Molecular, Cellular and Clinical Aspects</i> , <i>Science</i> 254:529-533 1991.
			Mohamadzadeh, et al. Functional and Morphological Characterization of 4F7 <sup>+</sup> Spleen Accessory Dendritic Cells, <i>Inter. Immun.</i> 5/6:615-624.
			Muster, et al. An Influenza A Virus Containing Influenza B Virus 5' and 3' Noncoding Regions on the Neuraminidase Gene is Attenuated In Mice, <i>PNAS</i> 88:5177-5181, June 1991.
			O'Doherty, et al. Human Blood Contains Two Subsets of Dendritic Cells, One Immunologically Mature and the other Immature, <i>Immunology</i> 82:487-493 1994.
			O'Doherty, et al. Dendritic Cell Freshly Isolated from Human Blood Express CD4 and Mature into Typical Immunostimulatory Dendritic Cell after Culture in Monocyte-conditioned Medium, <i>J. Exp. Med.</i> 178:1067-1078, September 1993
			Pugh, et al. Characterization of Nonlymphoid Cells Derived from Rat Peripheral Lymph, <i>J. Exp. Med.</i> , 157:1758 1983.
			Puré, et al. Antigen Processing by Epidermal Langerhans Cells Correlates with the Level of Biosynthesis of Major Histocompatibility Complex Class II Molecules and Expression of Invariant Chain, <i>J. Exp. Med.</i> , 172:1459 1990.
			Reid, et al. Identification of Hematopoietic Progenitors of Macrophages and Dendritic Langerhans Cells [DL-CFU] in Human Bone Marrow and Peripheral Blood, <i>Blood</i> , 76:1139 1990.
<i>↓</i>			Riddell, et al. Restoration of Viral Immunity of Immunodeficient Humans by the Adaptive Transfer of T Cell Clones, <i>Science</i> 257:238-241, July 1992.

AUG 21 1998  
JC23

Sheet 4 of 5

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)			APPLICANT RALPH M. STEINMAN, ET AL.	
			FILING DATE June 17, 1994	GROUP ART UNIT 1651
	Romani, et al. <i>Cultured Human Langerhans Cells Resemble Lymphoid Dendritic Cells in Phenotype and Function</i> , <i>J. Invest. Dermatol.</i> 93/5:600-609, November 1989.			
	Romani, et al. <i>Presentation of Exogenous Protein Antigens by Dendritic Cells to T Cell Clones: Intact Protein is Presented Best by Immature, Epidermal Langerhans Cells</i> , <i>J. Exp. Med.</i> , 169:1169 1989.			
	Santiago-Schwarz, et al. <i>TNF in Combination with GM-SF Enhances the Differentiation of Neonatal Cord Blood Stem Cells into Dendritic Cells and Macrophages</i> , <i>J. Leukocyte Biol.</i> 52:274 1992.			
	Steinman, et al. <i>Identification of a Novel Cell Type in Peripheral Lymphoid Organs of Mice. III. Functional Properties In vivo</i> , <i>J. Exp. Med.</i> , 139:1431 1974.			
	Sprecher, et al. <i>Role of Langerhans Cells and other Dendritic Cells in Viral Diseases</i> , <i>Arch Virol</i> 132:1-28 1993.			
	Teunissen, <i>Human Epidermal Langerhans Cells Undergo Profound Morphologic and Phenotypical Changes During In Vitro Culture</i> , <i>J. Invest. Dermatol.</i> , 94:166 1990.			
	Thomas, et al. <i>Isolation and Characterization of Human Peripheral Blood Dendritic Cells</i> , <i>J. Immunol.</i> 150/3:821-834, February 1993.			
	Thomas, et al. <i>Rheumatoid Synovium is Enriched in Mature Antigen-Presenting Dendritic Cells</i> , <i>J. Immunol.</i> 152:2613-2623 1993.			
	Troppmair, et al. <i>Interferons (IFNs) and Tumor Necrosis Factors (TNFs) in T Cell-Mediated Immune Responses Against Alloantigens. I. Influence on the Activation of Resting and antigen-Primed T Cells</i> , <i>Immunobiology</i> 176:236-254 1988.			
	Wang, et al. <i>Epidermal Langerhans Cells from Normal Human Skin Bind Monomeric IgE via Fc<math>\epsilon</math> RI</i> , <i>J. Exp. Med.</i> 175:1353, May 1992.			
Williams, et al. <i>Isolation and Function of Human Dendritic Cells</i> , <i>International Review of Cytology</i> , 153:41-103 1994.				
Wraith, et al., <i>Influenza Virus-Specific Cytotoxic T-Cell Recognition: Stimulation Nucleoprotein-Specific Clones with Intact Antigen</i> , <i>Immunology</i> , 59:173-180 1986.				
Wysocka, et al. <i>Identification of Overlapping Class I and Class II H-2<math>d</math> Restricted T Cell Determinants of Influenza Virus N1 Neuraminidase That Require Infectious Virus for Presentation</i> , <i>Virology</i> 201:86-94, May 1994.				
Young, et al. <i>Accessory Cell Requirements for the Mixed-Leukocyte Reaction and Polyclonal Mitogens, As Studied with a New Technique for Enriching Blood Dendritic Cells</i> , <i>Cell Immunol.</i>				



Sheet 5 of 5

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 2016-4000US3	SERIAL NO. 08/261,537
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)			APPLICANT RALPH M. STEINMAN, ET AL.	
			FILING DATE June 17, 1994	GROUP ART UNIT 1651
(b) (4)		111:167-182 1988.		
		Young, et al. <i>Dendritic Cells Stimulate Primary Human Cytolytic Lymphocyte Responses in the Absence of CD4 Helper T Cells</i> , <i>J. Exp. Med.</i> , 171:1315-1332, April 1990.		
		Zvaifler, et al. <i>Identification of Immunostimulatory Dendritic Cells in the Synovial Effusions of Patients with Rheumatoid Arthritis</i> , <i>J. Clin. Invest.</i> 76:789-800, August 1985.		
EXAMINER		LANKFORD		
		DATE CONSIDERED		
		3/23/99		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

M&F REV. 06/29/95